



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/714,885	11/18/2003	Takenori Yoshizawa	0717-0520P	2816
2252	7590	02/26/2010	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH			WUJCIAK, ALFRED J	
PO BOX 747				
FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER
			3632	
NOTIFICATION DATE	DELIVERY MODE			
02/26/2010	ELECTRONIC			

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

<b>Office Action Summary</b>		<b>Application No.</b>	<b>Applicant(s)</b>
10/714,885		YOSHIZAWA ET AL.	
<b>Examiner</b>	Alfred Joseph Wujciak III	<b>Art Unit</b>	3632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 19 February 2009.  
 2a) This action is FINAL.      2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-8 and 10-18 is/are pending in the application.  
 4a) Of the above claim(s) 9 and 19-25 is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-6 and 18 is/are rejected.  
 7) Claim(s) 7,8 and 10-17 is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO/SB/06)  
 Paper No(s)/Mail Date \_\_\_\_\_

4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_  
 5) Notice of Informal Patent Application  
 6) Other: \_\_\_\_\_

This is the non-final Office Action for the serial number 10/714,885, SUBSTRATE ACCOMMODATING TRAY, filed on 11/18/03.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 10-17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 10 recites the limitation "the support body portion" in lines 15-17. There is insufficient antecedent basis for this limitation in the claim.

Claims 11-17 are rejected as depending on rejected claim 10.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

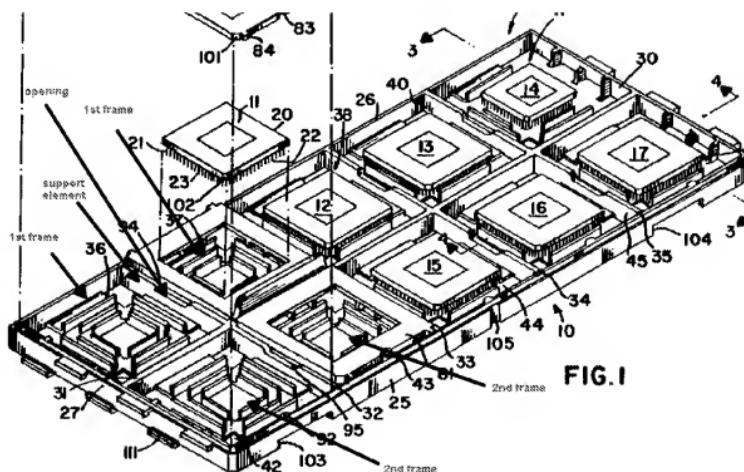
A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, 6 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent # 5,103,976 to Murphy.

Murphy teaches a tray comprising a frame (24) includes a pair of first frame portions (36-37, 50) facing each other and a pair of second frame portions (42-43, 50) facing each other, a

plate-like support element (32) having a opening (94) provided between the pair of first frame portions and at least one support member (80) provided along the first opening between the first of frame portions. The support element has a second opening (95) provided between the pair of second frame portions. The try includes at least one reinforcing member (31) provided in the support element between the pair of first frame portions. The pair of first frame portions are substantially parallel to each other. The pair of first frame portions and the pair of second frame portions are substantially perpendicular to each other. The frame is quadrangular frame. The support element and opening penetrate the area surrounded by the frame so that the opening extends through the area surrounded by the frame.



***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy.

Murphy teaches the support member but fails to teach the support member is not project over an upper surface of the support element. It would have been obvious for one of ordinary skill in the art at the time the invention was made to have reduced the height of support member to be flush with the support element to reduce the chance of interference with the other tray when being stacked with tray as shown in figure 6.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy in view of Japan Patent # 10,007,171 to Ikeguchi.

Murphy teaches the support element but fails to teach the support element contains a foamed synthetic resin. Ikeguchi teaches foamed synthetic resin (see abstract). It would have been obvious for one of ordinary skill in the art at the time the invention was made to have modified Murphy's support element with foamed synthetic resin as taught by Ikeguchi to reduce weight in the support element.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy in view of US Patent # 6,227,372 to Thomas et al.

Murphy teaches the frame and at least one support member but fails to teach the frame and at least one support member contain aluminum. Thomas teaches the aluminum (claim 11, line 3). It would have been obvious for one of ordinary skill in the art at the time the invention was made to have modified Murphy's frame and support member with aluminum as taught by Thomas to handle high temperature applications (column 1, lines 6-9 in Thomas's invention).

***Allowable Subject Matter***

Claims 7-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 10-17 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

***Response to Arguments***

Applicant's arguments filed 2/19/10 have been fully considered but they are not persuasive.

The applicant argues Murphy fails to teach "the support element having a first opening provided between the pair of the first frame portions which penetrates the area surrounded by the frame so that the opening extends through said area surrounded by the frame." The examiner disagrees with the applicant because based on examiner's interpretation of the language recited above requires both support element and first opening to penetrate the area surrounded by the

frame. Murphy shows the support element and opening penetrates the area surrounded by the frame so that the opening extends through the area surrounded by the frame.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alfred Joseph Wujciak III whose telephone number is (571) 272-6827. The examiner can normally be reached on 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, J. Allen Shriver can be reached on 571-272-6698. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Alfred Joseph Wujciak III/  
Primary Examiner, Art Unit 3632  
2/22/10

Application/Control Number: 10/714,885  
Art Unit: 3632

Page 7